

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of claims:**

Claim 1 (original): A heat-resistant, thermally conductive material being made from an organic-inorganic hybrid material, prepared by heating a sol containing a metal or semimetal alkoxide, and a polyorganosiloxane having functional group(s) reactive with said metal or semimetal alkoxide at one or both ends, with the weight average molecular weight of said polyorganosiloxane being higher than 15000, plus a highly thermally conductive filler, to gel said sol.

Claim 2 (canceled)

Claim 3 (canceled)

Claim 4 (canceled)

Claim 5 (original): A heat-resistant, thermally conductive material in accordance with Claim 1, wherein said organic-inorganic hybrid material is synthesized by the condensation reaction between the reactive functional group(s) at one or both ends of said organosilicon compound and said metal or semimetal alkoxide, accompanying hydrolysis.

Claim 6 (currently amended): A heat-resistant, thermally conductive material in accordance with ~~Claims 1 and 2~~ Claim 1, wherein the metal of said metal alkoxide is of one or more kind(s) of metal(s) selected from a group consisting of boron aluminum, silicon, titanium,

vanadium, manganese, iron, cobalt, zinc, germanium, yttrium, zirconium, niobium, lanthanum, cerium, cadmium, tantalum and tungsten.

Claim 7 (currently amended): A heat-resistant, thermally conductive material in accordance with ~~Claims 1 to 3~~ Claim 1, wherein said highly thermally conductive filler is a fine powder of one or more kind(s) of metal and/or metal oxide and/or metal nitride and/or metal carbide.

Claim 8 (new): A heat-resistant, thermally conductive material in accordance with Claim 2, wherein the metal of said metal alkoxide is of one or more kind(s) of metal(s) selected from a group consisting of boron aluminum, silicon, titanium, vanadium, manganese, iron, cobalt, zinc, germanium, yttrium, zirconium, niobium, lanthanum, cerium, cadmium, tantalum and tungsten.

Claim 9 (new): A heat-resistant, thermally conductive material in accordance with Claim 2, wherein said highly thermally conductive filler is a fine powder of one or more kind(s) of metal and/or metal oxide and/or metal nitride and/or metal carbide.

Claim 10 (new): A heat-resistant, thermally conductive material in accordance with Claim 3, wherein said highly thermally conductive filler is a fine powder of one or more kind(s) of metal and/or metal oxide and/or metal nitride and/or metal carbide.